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JAN 2 7 2005

#### **PATENT APPLICATION**

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q80038

Graham BROAD, et al.

Appln. No.: 10/803,898

Group Art Unit: 2817

Confirmation No.: 6697

Examiner: Dean O. Takaoka

Filed: March 19, 2004

For: WAVEGUIDE DIRECTIONAL FILTER

### AMENDMENT UNDER 37 C.F.R. § 1.111

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office action dated September 27, 2004, please amend the above-

identified application as follows:

02/17/2005 JHAYES

00000005 194880 10803898

01 FC:1251

120.00 DA

# PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1 2894

Application or Docket Number 10/803898

		CLAIMS A	(Column 1)		(Column 2)			SMALL ENTITY TYPE		OR	OTHER THAN SMALL ENTITY	
TOTAL CLAIMS			Colonia	<u>: :</u> /	100.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	]- [	RATE	FEE	7	RATE	FEE
FOR			NUMBER FILED		NUME	MBER EXTRA		BASIC FEE	<del> </del>	OR	BASIC FEE	<del></del> {
TOTAL CHARGEABLE CLAIMS			minus 20=		•		1	× 25		OR	x-50	
INC	DEPENDENT C	LAIMS	ininus 3 =		٠	-		x/00		OR	×200	
ML	ILTIPLE DEPE	NDENT CLAIM P	RESENT			<u>.</u>		X 10.0	<u> </u>	1		<del></del>
-	the difference	in column 1 is	loss than 7	ero enter	*0" in c	olumn 2	<b>'</b> (	+/80	<u> </u>	OR	+360	
- 11	•			•				TOTAL	l	OR	TOTAL OTHER	THAN
	C	(Column 1)	(WENDEL	J - PAR (Colun		(Column 3)	L	SMALL	ENTITY	OR	SKALL	
AMENDMENTA	1-21-05	CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM! PREVIO PAID	EST BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI TIONAL FEE
	Total	.12	Minus	-01	0	1		× 25		OR	×50.	
	Independent	·a	Minus			=		×100		OR	x200	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM							]	+180		OR	736D	
							L	TOTAL		00	TOTAL ADDIT, FEE	
-		(Column 1)		(Colun	nn 2)	(Column 3)		ADDIT, FEE L				
SAT B		(Column 1)  CLAMS REMAINING AFTER		(Colum HIGHI NUME PREVIO PARO	EST BER	(Column 3) PRESENT EXTRA			ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
1	Total	CLAIMS REMAINING AFTER	Minus	HIGHI NUME PREVIO	EST BER XUSLY	PRESENT		RATE,	TIONAL	on		TIONAL
THO SOME	independent	CLAMS REMAINING AFTER AMENIAMENT	Minus	HIGHI NUME PREVIO PARO	EST BER OUSLY TOPOR	PRESENT		пате, , ∂5	TIONAL		RATE	TIONAL
1	independent	CLAMS REMAINING AFTER ///CLASSESS	Minus	HIGHI NUME PREVIO PARO	EST BER OUSLY TOPOR	PRESENT		RATE, * 25 * 100	TIONAL	OR	RATE X 50	TIONAL
THO SOME	independent	CLAMS REMAINING AFTER AMENIAMENT	Minus	HIGHI NUME PREVIO PARO	EST BER OUSLY TOPOR	PRESENT		RATE, * 25 × 100 +/80 TOTAL	TIONAL	OR OR	x50: x200: +360 total	TIONAL
THO SOME	independent	CLAMS REMAINING AFTER AMENIAMENT	Minus	HIGHI NUME PREVIO PARO	EST BER OUSLY TOPOR	PRESENT		RATE, * 25 × 100 +/80	TIONAL	OR OR	RATE 1,50 1,200 1,360	TIONAL
C AMENDATENT	independent	CLAMS REMAINING AFTER AMENIAMENT	Minus	HIGHI NUME PREVIO PARO	EST BER DUSLY FOFOR  CLAIM  CLAIM  EST BER DUSLY	PRESENT		x 25 x 100 +180 TOTAL DOIT, FEE	TIONAL	OR OR	x50: x200: +360 total	TIONAL
C AMENDATENT	independent	CLAIMS REMAINING AFTER AMENDMENT  NTATION OF MU  CLAIMS REMAINING AFTER	Minus	HIGHI NUME PREVIO PAID ENDENT	EST BER DUSLY FOFOR  CLAIM  CLAIM  EST BER DUSLY	PRESENT		# 25 x 100 +180 TOTAL DOIT, FEE	ADDI- TIONAL FEE	OR OR	RATE X50 X200 4360 TOTAL ADDIT. FEE	TIONAL FEE
C AMENDATENT	Independant FIRST PRESE  Total Independent	CLAIMS REMAINING AFTER ACTION OF MU CLAIMS REMAINING AFTER AMENDMENT	Minus  Minus  Minus	HIGHI NUME PREVIO PAID PENDENT HIGHI NUME PREVIO PAID F	EST BER DUSLY FOR  CLAIM  CLAIM  BER DUSLY FOR	PRESENT EXTRA  PRESENT EXTRA		RATE.  * 25  × 100  +180  TOTAL DOIT, FEE  RATE  × 25	ADUI- TIONAL FEE	OR OR OR OR	RATE  X 50  X360  TOTAL ADDIT. FEE	TIONAL FEE
ARCHORERIT	Independant FIRST PRESE  Total Independent	CLAMS REMAINING AFTER AMENING CLAMS REMAINING AFTER AMENDMENT	Minus  Minus  Minus	HIGHI NUME PREVIO PAID PENDENT HIGHI NUME PREVIO PAID F	EST BER DUSLY FOR  CLAIM  CLAIM  BER DUSLY FOR	PRESENT EXTRA  PRESENT EXTRA		RATE:  * 25  * 100  +/80  TOTAL DOIT, FEE  RATE  * 25  * 100	ADDI- TIONAL FEE	OR OR OR OR	RATE  X 50  4360  TOTAL ADDIT. FEE  RATE  X 50	TIONAL FEE
- AMENDMENT C AMENDMENT	Total Independent FIRST PRESE	CLAIMS REMAINING AFTER AFTER AFTER CLAIMS REMAINING AFTER AMENDMENT  * NTATION OF MU	Minus Minus Minus JLTIPLE DEF	HIGHI NUME PREVIO PAID HIGHI HUME PREVIO PAID F	EST BER DUSLY FOFOR  CLAIM  CLAIM  TO in col	PRESENT EXTRA  PRESENT EXTRA  =		RATE.  * 25  × 100  +180  TOTAL DOIT, FEE  RATE  × 25	ADDI- TIONAL FEE	OR OR OR OR	RATE  X 50  +360  TOTAL  ADDIT. FEE  RATE  X 50  +360  101AL	TIONAL FEE
AMENDMENT C ARGINDAGENT	Total Independent FIRST PRESE Independent FIRST PRESE I the entry in column the Highest Num	CLAIMS REMAINING AFTER AMENDMENT  CLAIMS REMAINING AFTER AMENDMENT	Minus Minus Minus Minus JLTIPLE DEF	HIGHI NUME PREVIO PAID PENDENT HUME PREVIO PAID I	EST BER DUSLY FOFOR  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM	PRESENT EXTRA  FRESENT EXTRA  FRESENT EXTRA  TO 20, enter 70		RATE.  * 25  × 100  + 180  TOTAL  * 25  × 100  + 180  TOTAL  * 101  * 10	ADDI- TIONAL FEE	OR OR OR OR OR	RATE  X 50  +360  TOTAL ADDIT. FEE  X 50  +360  101AL ADDIT. FEE	TIONAL FEE